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HALLAWELL'S FALL · CATALOG · OF BULBS



SAN FRANCISCO

Hallawell Seed Company

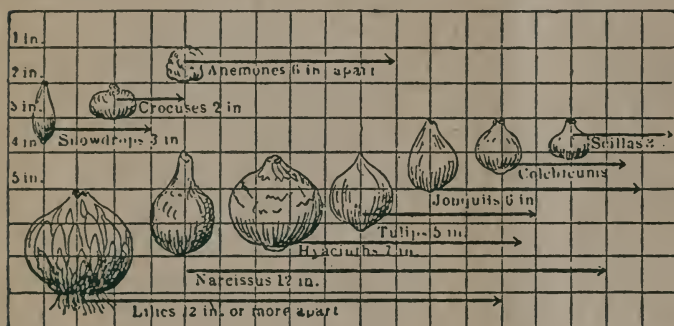
258 MARKET STREET, SAN FRANCISCO, CALIFORNIA

HARRY E. HALLAWELL, Manager

Telephone Douglas 3147

CULTURAL DIRECTIONS FOR PLANTING OUR BULBS

Spring Flowering Bulbs can be planted from September to December. They require a moderately rich soil which should be well drained. If the soil is in poor condition use a little bone meal or well-rotted manure. Fresh manure is injurious to bulbs. When the soil is heavy or stiff, place a small quantity of sand or coal ashes at the base of each bulb. A good rule to go by is to cover the bulbs with soil one and a half times their own depth.



GENERAL CULTURE DIRECTIONS

DEPTHS AT WHICH BULBS SHOULD BE PLANTED

The accompanying diagram explains the proper depth to plant bulbs. Outdoor planting should be done early in the fall to obtain best results.

Special Bulb Collection

- | | |
|-----------------------------|------------------------------|
| 10 Hyacinths, mixed | 10 Daffodils, trumpets mixed |
| 15 Tulips, long stem, mixed | 15 Spanish Iris, mixed |
| 15 Jonquils, Campernelle | 15 Snowdrops, giants |
| 15 Freesias, white | 10 Daffodils, double mixed |
| 15 Ranunculus, mixed | 15 Anemones, mixed |
| 15 Ixias, mixed | |

150 Bulbs for \$2.00

or half collection of 75 Bulbs for \$1.15

WHEN AND HOW TO ORDER BULBS

The best time to order your bulbs is just as soon as this catalogue reaches you. The bulbs may not have arrived by then, but your order will be given immediate attention, and be filled just as soon as the stock arrives. At the first of the season there are no sorts sold out, and besides the bulbs flower better when planted early.

Please be sure to write plainly your full name and address, when sending us your order and remittance. Send also the name of the nearest express office, if bulbs are to come that way, when it differs from the post-office. We send bulbs by express, unless postage for the different sorts, as shown in the catalogue, accompanies the order.

Non-Warranty

Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather, too deep or too shallow planting, slugs, etc., therefore Hallawell Seed Co. give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants, bulbs, etc., they send out, and will be in no way responsible for the crop; if the purchaser does not accept the goods on these terms they are to be returned at once.

If you wish the bulbs to be sent by PARCEL POST, please add sufficient postage to cover the cost of mailing, excepting where marked postpaid. Under each heading we have marked the approximate weights of the various sorts so that you can figure out the postage due according to the zone. If too much postage is allowed we will adjust by sending extra bulbs.

Hyacinths

Hyacinths are very fragrant and come in a great variety of colors. They make a magnificent display when grown outside in a bed. They are also very satisfactory when grown in pots or in glasses of water. We are listing the single type only as they are far superior to the double and more certain to bloom. Set the bulbs so that the tops will be 3 or 4 inches below the surface and 6 to 12 inches apart. For pot culture use a 4-inch pot for a bulb or a large pot for 2 or 3 bulbs, and leave the tops of the bulbs just above the surface. After potting give a good watering and set away in a cool cellar until thoroughly rooted, when they can be brought into the house.

BEDDING HYACINTHS

These are good strong bulbs and will produce fine flowers.
(If by parcel post add postage at zone rates weight per doz.,
1½ lbs.; per 100, 12 lbs.)

	Per doz.	Per 100
Light blue shades mixed	\$.55	\$4.25
Dark blue shades mixed	.55	4.25
Dark red shades mixed	.55	4.25
Rose and pink shades mixed	.55	4.25
White shades mixed	.55	4.25
Blush white shades mixed	.55	4.25
Yellow shades mixed	.60	4.50
All colors mixed	.50	4.00

NAMED VARIETIES OF
HYACINTHS

(If by parcel post add postage at zone rates weight per doz.,
3 lbs.; per 100, 22 lbs.)
Extra large bulbs for growing in pots and outside.

BLUE

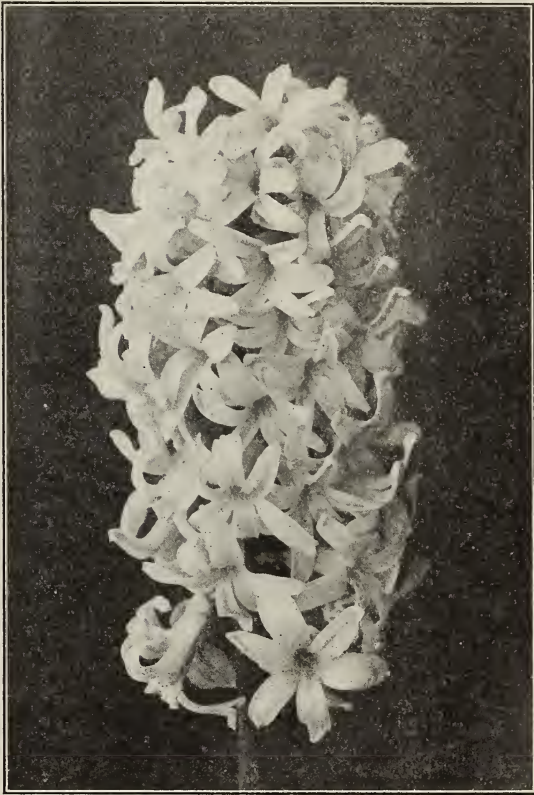
	Each	Per doz.
Grand Maitre: dark porcelain blue, large truss.	\$.12	\$1.25
Grand Lilas: silvery-lilac, fine spike.	.15	1.50
King of the Blues: deep purplish blue, fine spike.	.12	1.25
La Peyrouse: beautiful light porcelain blue.	.12	1.25
Lord Balfour: lilac tinged violet, large bells.	.15	1.50
Marie: dark blue, fine spike.	.15	1.50
Menelik: purplish black, distinct color.	.15	1.50
Queen of the Blues: azure blue; large bells	.15	1.50
Schotel: light blue, large spike.	.12	1.25
Sir William Mansfield: purplish mauve.	.12	1.25

WHITE

	Each	Per doz.
Baroness Van Thuyt: pure white, fine broad truss.	\$.12	\$1.25
Grandeur a Merveille: blush white, large handsome truss.	.12	1.25
La Grandesse: best pure white; fine shaped spike.	.15	1.50
L'Innocence: large truss of pure white.	.15	1.50
Mad. van der Hoop: waxy white, large bells.	.12	1.25

RED AND PINK

	Each	Per doz.
Cardinal Wiseman: bright rose pink, large spike.	\$.12	\$1.25
Gigantea: blush pink.	.12	1.25
Gertrude: bright rosy red; fine.	.12	1.25
Koh-i-noor: large spike of brilliant salmon pink flowers.	.15	1.50
La Victoire: brilliant scarlet, very fine spike.	.15	1.50
Moreno: deep pink.	.15	1.50
Roi des Belges: crimson scarlet.	.12	1.25
Robert Steiger: deep crimson.	.12	1.25
Rosea Maxima: delicate large pink.	.15	1.50



Type of Single Hyacinth
For Grape and Feathered Hyacinths see page 11 and 12.

YELLOW

	Each	Per doz.
Duc de Malakoff: orange yellow.	\$.12	\$1.25
King of the Yellows: golden yellow.	.15	1.50
Yellow Hammer: golden yellow, broad spike.	.15	1.50
Collection of twelve of any of the above named varieties.		for 1.25
Mixture of all varieties.	\$1.25 per doz.;	\$10.00 per 100

FRENCH ROMAN HYACINTHS

This class of Hyacinths produces three or four delicately perfumed spikes of florets. Three bulbs can be put in a four inch pot and six bulbs in a six inch pot. Planted in September they flower from Thanksgiving to Christmas time.
(If by parcel post add postage at zone rates weight per doz.
1¼ lbs.; per 100, 9 lbs.)

	Each	Per doz.	Per 100
Pure white.	\$.09	\$.85	\$6.00
Pure white, extra sized.	.10	1.00	7.00
Blue.	.05	.50	3.75
Pink.	.05	.50	3.75

Hallawell's "Quality" Tulips
FOR CALIFORNIA

The Cottage and Darwin Tulips are more satisfactory for California than the early shorter stemmed varieties, as the large blossoms are borne on strong long stems from 20 to 30 inches tall. They bloom in May and make a beautiful effect when planted in a bed or in groups.

Tulips can be planted from October till late in December. They require a moderately rich soil which should be well drained. If the soil is in poor condition use a little bone meal or well rotted manure. Plant the bulbs 6 or more inches apart and set the tops 4 inches below the surface. If the soil is heavy, place a small quantity of sand at the base of each bulb. In the following list you will find the leading varieties which are certain to give satisfaction.

(If by parcel post add postage at zone rates weight per doz., 10 ounces; per 100, 4¼ lbs.)

	Per doz.	Per 100
Beauty of America: cream color changing slightly pink.....	\$.35	\$2.50
Bouton d'Or: deep golden yellow; flowers are a handsome globe shape.....	.30	1.75
Bridesmaid: rose, striped violet and scarlet.....	.30	2.00
Caledonia: orange scarlet, greenish black center, fine bold flower.....	.35	2.25
Fulgens: large brilliant crimson with white center; pointed petals, long stems.....	.40	2.50
Gesneriana Major: brilliant crimson-scarlet with blue-black center. A superb variety with pointed petals, and long stems.....	.30	2.00
Gesneriana Aurantiaca: large orange-red with pointed petals.....	.35	2.25
Gesneriana Lutea: large golden-yellow with pointed petals, long stems.....	.40	2.50
Gesneriana Rosea: beautiful rosy-carmine with black center. Long stems and pointed petals.....	.25	1.75
Isabella or Blushing Bride: creamy white and pink, changing darker rose center, marked peacock blue.....	.30	2.00
La Merveille: large orange-red shaded carmine; sweet scented.....	.30	2.00
Maiden's Blush (Picotee): pure white, margined carmine rose, pointed petals. Good pink sort.....	.30	2.00
Macrospila: sweet scented, large crimson scarlet, black and yellow center.....	.30	2.00
Parisian White (Snowdon): pure white, suffused on the margin with delicate pink.....	.35	2.50
Parisian Yellow: large clear yellow, pointed petals; long stems.....	.35	2.50
Retroflexa Yellow: a fine yellow color with petals gracefully bending out.....	.30	2.25
Salmon Queen (Inglescombe Pink): a beautiful blending of buff and salmon pink; a large handsome tulip.....	.35	2.50
Yellow Crown: large golden yellow; edged red.....	.25	1.75
Special Collection: 2 each of the above sorts (36 bulbs).....	\$.95	



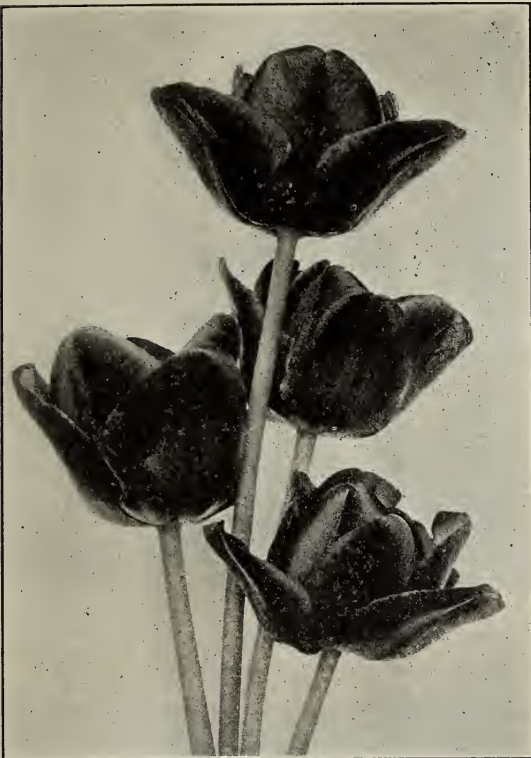
Maiden's Blush Tulip

	Per doz.	Per 100
Bizarre Tulips Mixed: the large blossoms are feathered or striped with crimson, purple or white on a yellow ground and are borne on long stems.....	\$.30	\$2.00
Bybloemen Tulips: the blossoms are borne on long stems and are splashed and striped with blue, lilac, crimson or pink on a white ground..	.30	2.00

HALLAWELL'S SPLENDID MIXED

This mixture of Long Stemmed Tulips contains many of the above named sorts and other new varieties and is made up by ourselves. 30c per doz., \$2.00 per 100.

Darwin Tulips



Darwin Tulips

These handsome Tulips attain a height of 24 to 30 inches, bearing on long stems beautiful globe-shaped flowers in a large variety of colors. (If by parcel post add postage at zone rates weight per doz., 10 ounces; per 100, 4¼ lbs.)

DARWIN TULIPS

	Per doz.	Per 100
Apricot: yellow and bronze.....	\$1.00	
Auber: dark maroon.....	.40	\$2.75
Baronne de la Tonnaye: bright rose margined blush rose.....	.50	3.50
Clara Butt: beautiful salmon pink.....	.45	3.00
Donders: large dark blood-red, violet center.....	.45	3.25
Dream: soft lilac.....	.70	4.75
Europe: salmon scarlet; a bright shade.....	.45	3.25
Flambeau: brilliant scarlet with blue center.....	.45	3.00
General de Cordous: bright scarlet.....	.45	3.25
Gustav Dore: bright pink.....	.55	4.00
Harry Veitch: dark brown red.....	.45	3.25
Leopold de Rothschild: beautiful chestnut.....	.55	4.00
Margaret (Gretchen): blush pink, beautiful flower of globular form.....	.35	2.50
Mrs. Farncombe Sanders: fiery rose scarlet, perfect shape.....	.85	5.50
Mrs. Krelage: bright rosy pink shading to soft blush at edge of petals.....	.55	4.00
Nora Ware: very fine heliotrope.....	1.00	
Olga: white and lilac.....	.45	3.25
Orange Beauty: beautiful orange.....	.70	4.75
Ouida: rich cardinal scarlet.....	.55	4.00
Pride of Harlem: deep rose suffused scarlet, immense size.....	.50	3.50
Royal White: white.....	.70	4.75
Salmon King: fiery salmon.....	.50	3.50
Sunset: rich orange, very fine.....	1.25	
The Sultan: glossy maroon black.....	.35	2.50
White Queen: white, slightly tinged blush.....	.55	4.00
Special Collection: 1 of each of the above sorts (25 bulbs).....	\$1.25	
Special Collection: 2 of each of the above sorts (50 bulbs).....	\$2.25	
Mixed Darwin Tulips.....	.30	2.25
Rembrandt: these are Darwin Tulips with striped and feathered flowers in various colors.....	.45	3.25

PARROT OR DRAGON TULIPS

These come in very bright colors, each flower having a combination of red, green, black and yellow. The petals are large and deeply fringed. The stems are rather weak. (If by parcel post add postage at zone rates weight per doz., 6 oz.; per 100, 3 lbs.)

	Per doz.	Per 100
Mixture of all colors.....	\$.25	\$1.50

EARLY SINGLE TULIPS

Useful for potting, also for planting in beds and borders. They come in a variety of colors and bloom in March.

(If by parcel post add postage at zone rates weight per doz., 12 oz.; per 100, 5½ lbs.)

	Per doz.	Per 100		Per doz.	Per 100
Artus: brilliant, scarlet; good bedder.....	\$.25	\$1.75	Pottebakker: Scarlet—bright scarlet; fine and large.....	\$.40	\$2.25
Chrysolora: pure golden yellow; the finest yellow for bedding.....	.30	2.00	Prosperine: glossy carmine pink; striking color.....	.50	4.00
Cottage Maid: soft pink suffused with white; a beautiful variety.....	.30	1.75	White Hawk: the best pure white, large flowers.....	.40	2.50
Duchess de Parma: orange scarlet with yellow edge; fine and large.....	.30	2.00	White Swan: pure white.....	.30	2.00
Keizerskroon: red, with broad yellow border.....	.40	2.75	Yellow Prince: golden yellow, valuable for forc- ing as well as bedding.....	.30	2.00
Prince of Austria: orange, scarlet, sweet scented, long stem.....	.40	2.50	Hallawell's Special Single Early Mixture: contains a very fine assortment of named varie- ties made up by ourselves.....	.25	1.75
			Splendid Single Early Mixture: good assort- ment of various colors.....	.20	1.25

EARLY DOUBLE TULIPS

(If by parcel post add postage at zone rates weight per doz., 12 oz.; per 100, 5½ lbs.)

	Per doz.	Per 100		Per doz.	Per 100
Couronne d'Or: golden yellow tinted orange.....	\$.35	\$2.75	Salvator Rosa: beautiful deep rose.....	\$.35	\$2.50
Murillo: a fine double pink, either for forcing or bedding.....	.30	2.00	Hallawell's Special Double Early Mixture: contains a very fine assortment of double varie- ties made up by ourselves.....	.30	2.25
Rose Blanche: the best double pure white; large.....	.30	1.75	Splendid Double Early Mixture: good assort- ment of various colors.....	.25	1.50
Rubra Maxima: splendid dazzling scarlet.....	.35	2.25			

Daffodils

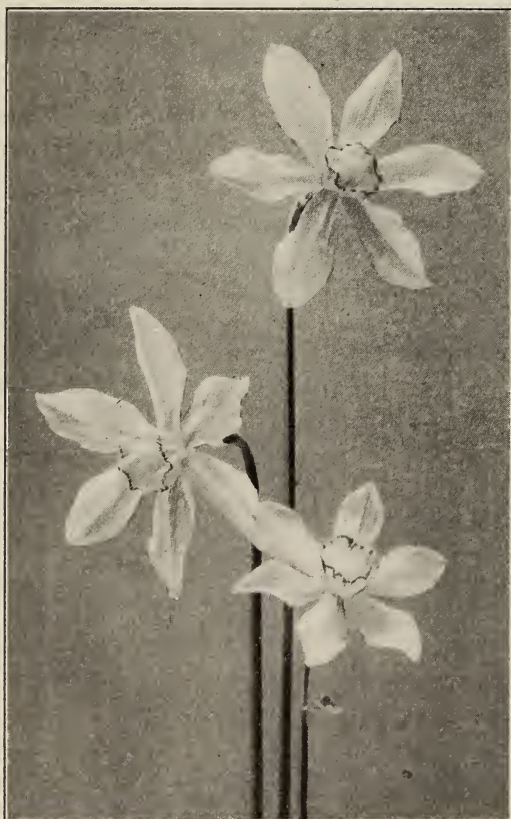
The following list contains the best varieties. Daffodils bloom in March and April. The blossoms are borne on tall strong stems and are fine for cutting. They bloom freely and are very effective when planted in a border or a bed.

For pot culture, plant 3 or 4 bulbs in a 5-inch pot and leave the tops of the bulbs just above the surface. After potting give a good watering and set away in a cool cellar until thoroughly rooted, when they can be brought into the house. For outdoor culture set the tops of the bulbs 4 inches below the surface and 12 inches apart.

LARGE TRUMPET DAFFODILS

(If by parcel post add postage at zone rates weight per doz. 1¼ lbs.; per 100, 13 lbs., excepting Emperor, weight per doz., 2¼ lbs., per 100, 22 lbs.)

	Per doz.	Per 100
Albicans ("White Spanish Daffodil"): creamy white perianth with a bold silvery trumpet.....	\$.45	\$3.00
Bi-color Grandee : flowers of the largest size, with broad, pure white petals and yellow trumpets. Late flowering.....	.35	2.50
Emperor : the finest yellow, the perianth and trumpet are finely formed and very large. The color is a rich golden yellow. Late flowering.....	.60	4.00
Empress : a beautiful variety, with a very large rich yellow trumpet and pure white perianth of great substance. Late flowering.....	.50	3.50
Glory of Leiden : king of daffodils; immense yellow trumpets; flowers borne on stout strong stems, a new variety, 15c each.....	1.50	
Golden Spur : large pure yellow fragrant flowers borne on long stems. Early and extremely free flowering.....	.40	3.00
Mme. de Graaf : perianth is pure white and the large trumpet is slightly tinted with primrose which changes to white, 15c each.....	1.50	
Princeps Maximus : sulphur yellow perianth and long deep yellow trumpet. A very handsome and free blooming sort.....	.30	2.00



Barrii Conspicuous Daffodils



Emperor Daffodil

	Per doz.	Per 100
Trumpet Major : large flowers of a deep golden yellow. Very early and free flowering.....	\$.35	\$2.50
Victoria : a new daffodil with broad white perianth and large yellow trumpet. Extra large flowers.....	.45	3.00
Fine mixture of the best Single Trumpet Daffodils.....	.40	3.00
Fine mixture of the best Double Daffodils.....	.35	2.00
Fine mixture of Daffodils and Narcissus.....	.35	2.25

CROWN DAFFODILS

(If by parcel post add postage at zone rates weight per doz., 1¼ lbs.; per 100, 9 lbs.; excepting Sir Watkin, weight per doz., 2½ lbs.; per 100, 19 lbs.)

	Per doz.	Per 100
Barrii Conspicuous : broad primrose yellow perianth, with a short broad crown, edged with orange-scarlet.....	\$.25	\$1.75
Beauty : perianth clear yellow; crown somewhat deeper; margined with orange-red; flowers very large, free bloomer.....	.55	4.00
Figaro : large lemon-yellow perianth, with a yellow crown shaded with orange.....	.25	1.50
Lucifer : a very distinct variety; the perianth is pure white and the crown a brilliant orange, forming a beautiful contrast, 20c each.....	2.25	
Mrs. Langtry : pure white perianth, broad and overlapping; cup white edged, bright canary yellow; a fine art flower and very prolific. On account of its low price is largely used for naturalizing.....	.25	1.50
Sir Watkin : immense flowers, often measuring 5½ inches across; the perianth is light yellow and the crown rich golden yellow.....	.50	3.25
Stella : white, star-shaped flower, 3 inches across with bright yellow cup; free flowering.....	.25	1.25

DOUBLE DAFFODILS

(If by parcel post add postage at zone rates weight per doz., 1¼ lb.; per 100, 9 lbs.)

	Per doz.	Per 100
Alba Plena Odorata (Double White Poet's Narcissus): the flowers are double pure white and sweet-scented.....	\$.25	\$1.50
Incomparable (Butter and Eggs): double lemon and orange flowers.....	.35	2.00
Orange Phoenix (Eggs and Bacon): very large double white and orange flower; very beautiful.....	.35	2.00
Sulphur or Silver Phoenix : creamy white with sulphur center, very double and beautiful.....	.40	2.50
Von Sion : the largest double yellow trumpet variety; free flowering and very popular.....	.40	2.50

POET'S NARCISSUS

(If by parcel post add postage at zone rates weight per doz., 12 oz.; per 100, 6 lbs.)

	Per doz.	Per 100
Poeticus (Pheasant's Eye): pure white flowers with orange cup, edged with crimson; fine for cutting.	\$.20	\$1.25
Poeticus Ornatus : larger than the Poeticus and earlier; beautiful pure white flowers with saffron cup, tinged with scarlet.	.20	1.50

POETAZ NARCISSUS

An entirely new strain of Narcissus obtained from a cross between the Poeticus and Polyanthus types. The flowers, which are like the Poeticus in size, come three to four on long stiff stems and are fine for cutting, inheriting some of the fragrance of the Poeticus and none of the odor of the Polyanthus types.

(If by parcel post add postage at zone rates weight per doz., 1½ lbs.; per 100, 11 lbs.)

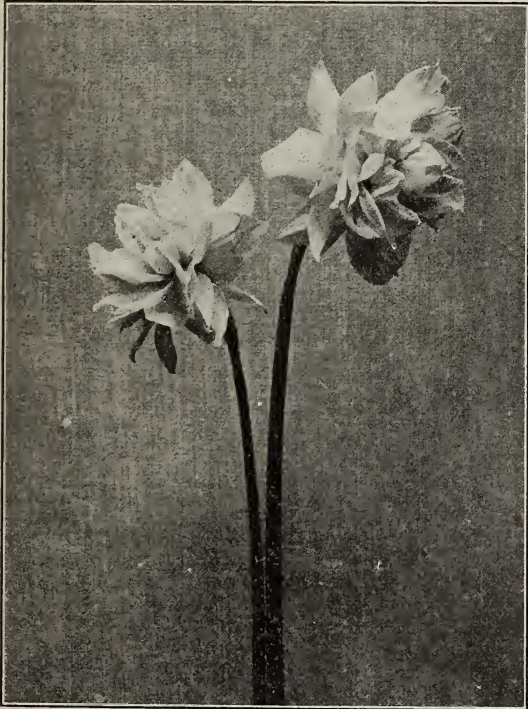
	Per doz.
Alsace pure white with yellow eye faintly edged red, large flowers, generally 3 on a stem.	\$.60
Elvira : pure white with yellow eye; free flowering, producing a number of stems to a bulb, each bearing 3 to 4 flowers.	.40
Irene : sulphur yellow with orange eye; large broad truss bearing 6 to 9 flowers, 8c each.	.75

SWEET SCENTED JONQUILS

The blossoms are produced in clusters and resemble Daffodils but are much smaller. They are pure golden yellow and very fragrant.

(If by parcel post add postage at zone rates weight per doz., single postpaid; per 100, 1½ lbs.; per doz., double postpaid; per 100, 3¼ lbs.)

	Per doz.	Per 100
Single : the favorite variety; the small blossoms are a rich golden yellow and very fragrant.	\$.15	\$1.00
Campernelle : a larger form of the single sweet-scented.	.20	1.25
(If by parcel post add postage at zone rates weight per doz., 10 oz.; per 100, 4½ lbs.)		
Double : small sweet-scented golden yellow flowers and very double.	.35	2.50
Rugulosus : the largest of the jonquils, rich golden yellow; broad perianth with wrinkled cup.	.25	1.50
(If by parcel post add postage at zone rates weight per doz., 1½ lbs.; per 100, 8¼ lbs.)		



Silver Phoenix Daffodil

For varieties of Double Daffodils see page 4.



Paper White Grandiflora Narcissus

POLYANTHUS NARCISSUS

A very fragrant and sweet-scented type of the easiest culture. They grow well out of doors and bloom extremely early, having from 10 to 20 blossoms on a stem. They can also be grown in pots or in a dish of water with coarse gravel at the bottom.

(If by parcel post add postage at zone rates weight per doz., 1½ lbs.; per 100, 11 lbs.)

	Per doz.	Per 100
Paper White Grandiflora : beautiful pure white star-shaped blossoms in clusters, borne on tall spikes; if planted early will flower by Christmas; very fragrant; extra large bulbs.	\$.30	\$1.75
Grand Monarch : broad white perianth with primrose cup; a large flower and vigorous grower.	.35	2.50
Grand Soleil d'Or : a rich clear yellow with orange cup; very fragrant and handsome.	.35	2.50
Chinese Sacred Lily (single): fragrant white star-shaped blossoms with yellow cups, borne on tall stems; they are fine for cutting and flower very early and freely.		
10c each; 3 for 25c; \$1.00 per doz.; \$2.25 per basket of 30 bulbs.		
Extra size, 15c each; \$1.50 per doz.		
(If by parcel post add postage at zone rates weight 5 oz. each.)		

PEACOCK IRIS

(Postpaid.)

A small but pretty variety of Iris, the flowers measure two inches across and are pure white with a blue triangle on each petal; 1 foot tall. Plant the bulbs 2 inches deep.

25c per doz.; \$1.75 per 100.



Spanish Iris

ENGLISH IRIS

This variety grows three feet tall and has larger flowers than the Spanish Iris and blooms later.

(If by parcel post add postage at zone rates weight per doz., 12 oz.; per 100 6 lbs.)

	Per doz.	Per 100
Argus: beautiful pink and white.....	\$.40	\$2.50
Bleu Celeste: sky blue.....	.40	2.50
King of the Blues: fine deep blue.....	.40	2.50
Mont Blanc: pure white.....	.35	2.00
Thackeray: rich claret color.....	.40	2.50
All colors mixed.....	.25	1.75

GERMAN IRIS OR FLAGS

This variety has beautiful orchid-like flowers and broad foliage which is evergreen. Very suitable for planting in borders in shady places. Plant 3 inches deep and 12 inches apart.

All the following varieties, \$1.25 per doz.; \$9.00 per 100. Bulbs do not ripen until December. (If by parcel post add postage at zone rates weight per doz., 3 lbs.; per 100, 24 lbs.)

Aurea: golden yellow.

Bouquet Royal: creamy white.

Darius: standards light yellow, falls purple, veined yellow and white.

Edward VII: standards blue, falls pale reddish violet.

Grachus: crimson reticulated white, fine variety.

Honorable: standards golden yellow, falls yellow, heavily veined brown.

Innocenza: ivory white.

Kharput: standards rich blue, falls violet purple.

Macrantha: blue and violet, tall growing, beautiful large flower.

Madam Chereau: white, elegantly frilled azure blue at the edges.

Maori King: rich golden yellow standards, falls velvety crimson margined gold.

Mrs. Horace Darwin: white slightly veined violet base.

Plicata: white, frilled blue.

Mixture of named varieties: made up by ourselves, \$1.00 per doz.; \$7.50 per 100.

Common blue shades: 50c per doz.; \$3.00 per 100.

SPANISH IRIS

One of the most satisfactory varieties of Iris to grow, being perfectly hardy. The flowers are of great beauty, having many different blendings of color, and if cut when in the bud state will last a long time in water. For best effect they should be planted in clumps or masses of 25 to 100 or more bulbs set 6 inches apart and 2 to 3 inches deep. They grow 18 to 24 inches high and bloom from end of April on through June.

The following list contains only the long stemmed sorts:

(Postpaid per doz., and 100.)

Belle Chinoise: deep golden yellow.

Blanche Superbe: pure white, yellow blotch.

British Queen: large pure white.

Bronze King: dark bronze, 20c per doz., \$1.25 per 100.

Cajanus: beautiful deep golden yellow.

Chrysolora: bright yellow.

Darling: large bright blue, long stems.

Formosa: deep violet blue.

Gold Cup: dark bronze, 20c per doz.; \$1.50 per 100.

King of the Blues: rich dark blue shading lighter.

Louise: fine pale blue, slightly spotted.

Reconnaissance: bronze and orange.

Sophie Jaffie: finest primrose of all, strong grower.

Thunderbolt: dark bronze, golden blotch, 20c per doz.; \$1.50 per 100.

Mixed white varieties.

Mixed blue varieties.

Mixed yellow varieties.

All the above varieties, except Gold Cup, Thunderbolt and Bronze King, 15c per doz.; \$1.00 per 100.

Splendid mixture of all varieties, 2 doz. for 25c; 100 for 75c; 500 for \$2.75; 1000 for \$5.00.

MOURNING IRIS (Susiana)

(Postpaid.)

This is a very beautiful and quite distinct variety growing one foot tall and blooming in May. The large flowers are silvery gray veined with dark chocolate and covered with a network of fine lines. Set the bulbs 3 inches deep and 12 inches apart; 20c each; \$2.00 per doz.



Mourning Iris



Japanese Iris

JAPANESE IRIS

(November Delivery.)

(If by parcel post add postage at zone rates weight per doz., 7 lbs.)

This variety of Iris produces the largest and finest flowers in a great variety of colors. They are hardy and do best in partial shade and require plenty of water. They bloom for six weeks during June and July. The flowers measure 8 to 10 inches in diameter and are borne on tall stems.

	Each	Per doz.
Separate colors, in blue, white, purple, lavender		
crimson, claret, etc.....	\$.30	\$3.00
Mixed colors.....	.25	2.50

IRIS PALLIDA DALMATICA

(If by parcel post add postage at zone rates weight per doz., 3 lbs.)

One of the finest of the German type, of strong vigorous habit attaining a height of four feet in good soil, with exceptionally large fragrant flowers. Standards lavender, falls lavender shaded blue; an excellent variety; 25c each; \$2.50 per doz.



Dutch Iris

DUTCH IRIS

This new strain resembles the Spanish Iris, but their whole habit of growth is more vigorous; the stems and foliage of some varieties approach those of the English Iris, the flowers being similar in general appearance to those of the Spanish; are large with very conspicuous orange blotches on the wide falls. Their greatest value consists in their earliness as the buds open at least two weeks before the Spanish Iris. We offer four fine varieties.

(Postpaid.)

	Each	Per doz.
David Teniers: falls yellow, standards pale blue, vigorous grower.....	\$.15	\$1.50
Frans Hals: falls pale primrose, standards light blue.....	.10	1.00
Paulus Potter: large pale blue and cream....	.15	1.50
Rembrandt: wide dark blue standards, falls rich deep blue with fine orange blotch, vigorous grower.....	.10	1.00

AMARYLLIS

Amaryllis produce clusters of three to six large trumpet shaped flowers on leafless spikes two to three feet high, the foliage appearing after the plant is through flowering. They are fine for planting in a high border or for pot culture.

Barely cover the bulbs when planting, set one foot apart in a place where they can remain undisturbed.

(If by parcel post add postage at zone rates weight of one bulb, 10 oz.; of 1 doz., 7 lbs., excepting Belladonna Major which weigh 1 lb. to 3 lbs. each according to size.)

Belladonna Major: large beautiful rose pink trumpet shaped flowers, bloom in August and September. 10c each; \$1.00 per doz.; 15c each; \$1.50 per doz.; according to size.
Johnsonii: very large rich crimson scarlet flowers with a white stripe down the center of each petal. 35c each; \$3.50 per doz.

Vittata Hybrids: beautiful striped, flaked and feathered varieties. Flowers are 8 to 10 inches across and borne on stems 2 to 3 feet high. 50c each; \$5.00 per doz.

Lilies

Lilies are matchless amongst hardy plants for beauty of form and variety of color. They commence flowering in June and with various varieties continue blooming until the fall. They succeed better in partial shade and require protection from the wind. Set the tops of the bulbs 5 inches below the surface and 12 inches apart. They require a loose soil with good drainage. October and November delivery. (If by parcel post add postage at zone rates, weight 1 bulb postpaid, of 1 doz., 3 lbs.)

Auratum (Golden Banded Lily): the grandest of all hardy lilies, with large graceful flowers of an ivory white color, thickly studded with chocolate crimson spots and a bright gold band through the center of each petal. **15c** each; **\$1.25** per doz.; **\$8.00** per 100; **20c** each; **\$2.00** per doz. **\$12.00** per 100 according to size.

Auratum Pictum: similar in form to the Auratum, but tipped with crimson at the ends of the yellow rays, **25c** each; **\$2.50** per doz.

Auratum Platyphyllum: similar to Auratum, but larger and finer in all respects. Especially noted for its broad lustrous leaves, which give double attraction. The petals are studded with crimson chocolate spots. **25c** each; **\$2.50** per doz.

Auratum Rubro Vittatum: one of the finest of all lilies. Its crimson band running through the middle of the petal is so broad that the petals appear to be crimson margined with white; very showy and handsome. The flowers are 10 to 12 inches across, of bright, crimson and white. **50c** each; **\$5.00** per doz.

Brownii: large trumpet shaped flowers, pure white inside and rich purple outside. **50c** each; **\$5.00** per doz.

Candidum (St. Joseph or Madonna Lily): a very hardy early flowering lily. The pure white flowers are fragrant and are borne on long stems. The best white lily to plant out of doors. (Order in September as bulbs must be planted early.) **15c** each; **\$1.25** per doz.



Easter Lily

Elegans Atrosanguinea: a dark blood-red lily of handsome appearance. Elegans lilies are all borne erect on a stem about $2\frac{1}{2}$ feet. **20c** each; **\$2.00** per doz.

Elegans, Incomparable: the richest red known in lilies, a deep crimson slightly spotted black. Flowers large and freely borne. **15c** each; **\$1.50** per doz.

Elegans, Orange: a very early, flowering lily, doing well in any location; about 2 feet high; flowers are orange in color. **20c** each; **\$1.75** per doz.

Harrisii (Bermuda Easter Lily): large handsome trumpet shaped flowers, pure white and of delicious fragrance; fine for growing in pots inside but not recommended for outdoor planting. (Order in September as bulbs should be planted early.) **15c** each; **\$1.50** per doz.; **\$10.00** per 100.

Henryii (the Yellow Speciosum): the flowers are a rich apricot yellow with a few brown spots; grows 3 to 5 feet high; very hardy and free flowering. **75c** each; **\$7.50** per doz.

Leopard Lily: the native Tiger Lily found growing in the mountains in all parts of California. The flowers are borne on tall stems and are scarlet and yellow spotted with brown. **10c** each; **\$1.00** per doz.

Krameri: a beautiful large pink lily, distinct from all others; the flowers shade lighter and are very fragrant. **20c** each; **\$2.00** per doz.

Longiflorum Multiflorum: an early flowering type of Japanese Easter Lily with pure white trumpet flowers. **15c** each; **\$1.25** per doz.; **\$7.50** per 100. Extra large bulbs, **20c** each; **\$2.00** per doz.

Longiflorum Giganteum (Japanese Easter Lily): a free flowering lily with pure white trumpet shaped flowers; fine for growing in pots for Easter and very desirable for outdoor planting. **15c** each; **\$1.50** per doz.; **\$8.00** per 100. Extra large bulbs, **25c** each; **\$2.50** per doz.

Rubellum: of dwarf habit, bearing several beautiful rose-pink flowers; come into flower early. **20c** each; **\$2.00** per doz.

Speciosum Rubrum (Pink Tiger Lily): a strong, vigorous grower, having stems 3 to 4 feet tall with bright blossoms which are white, shaded rose and spotted deep red. **10c** each; **\$1.00** per doz.; **\$7.00** per 100.

Speciosum Rubrum Magnificum: this variety is similar to the Rubrum but is a deeper crimson. **15c** each; **\$1.25** per doz.; **\$8.00** per 100.

Speciosum Album: a beautiful lily; the flowers are white and the petals recurved; the stems are 3 to 4 feet tall. **20c** each; **\$1.75** per doz.

Tigrinum Giganteum (Improved Tiger Lily): a very hardy and free flowering sort; the blossoms are a bright orange color, spotted black. **15c** each; **\$1.25** per doz.; **\$7.50** per 100.

Tigrinum Flora Plena (Double Tiger Lily): similar to the Tiger Lily but bearing double flowers. **15c** each; **\$1.50** per doz.

Yellow Calla Lily (Elliottiana): the true yellow flowered Calla; the flowers are bright yellow and the foliage dark green, spotted white. **25c** and **35c** each; **\$2.50** to **\$3.50** per doz.

White Calla Lily: strong bulbs. **50c** and **75c** per doz.

Miscellaneous Bulbs

AGAPANTHUS UMBELLATUS

(The Blue African Lily)

The flowers are bright blue and are produced in clusters of 20 to 30 on stalks 3 feet tall. They bloom for a long period in the summer and fall. 25c each; \$2.50 per doz.
(If by parcel post add postage at zone rates, weight 2 lbs. each.)

ALLIUM NEAPOLITANUM

(Postpaid)

Excellent for growing in pots for winter blooming, producing large clusters of delicate white star shaped flowers on stems 20 inches tall. Plant six bulbs in a six inch pot, also good for planting in the border. 20c per doz.; \$1.00 per 100.

ALSTROMERIA AURANTIACA

(December delivery)

A variety of Chilean Lily with spikes of lily-like flowers which are orange yellow spotted red. They grow two feet tall and bloom in July. Set the bulbs 8 inches deep. 15c each; \$1.50 per doz.

APIOS TUBEROSA

(December delivery prices postpaid)

This Climber resembles a miniature Wistaria, growing about 10 feet high and bearing clusters of deep purple flowers which are sweetly scented. 5c each; 50c per doz.

ANEMONES (Spring Flowering)

(Postpaid)

The blossoms of the single variety resemble poppies. The flowers are very beautiful and come in a great variety of dazzling colors. They flower early in spring and make a pretty display when planted in a bed or a border.
Set the tops of the bulbs 1 inch below the surface and 6 inches apart. Soak in water overnight before planting.

SINGLE ANEMONES

	Per doz.	Per 100	Per 500
Single Blue.....	\$.20	\$1.25	\$5.50
Single White (The Bride).....	.20	1.00	4.50
Single Scarlet.....	.20	1.25	5.50
Single Mixed.....	.20	1.00	3.75

DOUBLE ANEMONES

	Per doz.	Per 100
Ceres: white.....	\$.40	\$2.50
Duchess de Lorraine: rosy red tinted copper.....	.40	2.50
Feu Superbe: beautiful scarlet.....	.40	2.50
King of the Blues: a fine deep blue.....	.40	2.50
La Rosette: delicate rose and white.....	.40	3.00
Double Blue: mixed.....	.35	2.00
Double White: mixed.....	.35	2.00
Double Scarlet: mixed.....	.35	2.50
Double Mixed.....	.30	2.00
St. Brigid or Irish Anemones: a distinct strain of graceful habit, producing large flowers mostly semi-double, with finely divided petals in a large variety of colors.....	.35	2.25
Caen Mixed: the giant French single poppy Anemones.....	.30	2.00

BEGONIA (Tuberous-rooted)

(December delivery. Prices postpaid.)

Splendid pot plants, also useful for bedding outside in partial shade, flowering very profusely.
We offer Begonias in the following separate colors:
Red, rose, white, yellow, salmon and orange.

	Each	Per doz.
Single: all colors separate or mixed.....	\$.08	\$.75
Double: all colors separate or mixed.....	.10	1.00
Crispa Mixed: large single flowers beautifully fringed and crested; all colors separate or mixed.....	.15	1.50



Single Anemones

BRODIAEA (Cal. Wild Flower)

(Postpaid)

Coccinea (Floral Fire Cracker): the flowers are a vivid crimson, tipped green and hang in umbellate clusters. They do well in shady places among ferns or in rockeries. 40c per doz.; \$2.50 per 100.

Laxa (Ithuriel's Spear): bears a cluster of twenty or more of clear blue flowerets on a stem 1 to 2 feet high. One of the beautiful wild flowers of California in May and June. 20c per doz.; \$1.25 per 100.

CALADIUM OR ELEPHANT'S EAR

(January delivery)

(If by parcel post add postage at zone rates, weight of each 12 oz.)

One of the most effective plants for beds or for setting out upon the lawn. When full size the leaf stalks are 6 feet high and the leaves themselves monstrous. Give plenty of water and rich compost. Caladiums are tender to frost, but come up again next year. 15c each; \$1.50 per doz.

Miscellaneous Bulbs--Continued

CALOCHORTUS (Cal. Wild Flower)

(Prices postpaid)

Golden Bell (Amabilis): a beautiful variety with drooping rich yellow globe shaped flowers and light green slender foliage. 25c per doz.; \$1.50 per 100.

Mariposa Tulips: the flowers are of rich and brilliant colors in various shades of white, purple and yellow, borne on stiff slender stalks 15 inches high and bloom in summer. 30c per doz.; \$2.00 per 100.

CROCUS

One of the earliest spring-flowering bulbs. They are effective when planted in a lawn or in a border 3 or 4 rows deep.

Set the tops of the bulbs 2 inches below the surface and 2 to 4 inches apart. For pot culture plant 6 or 8 bulbs in a pot; 1 inch deep.

(Dozen postpaid)

(If by parcel post add postage at zone rates, weight of 100, 2 lbs.)		Per doz.	Per 100
Blue and Purple: mixed.....		\$.12	\$.80
Whites: mixed.....		.12	.80
Striped Varieties: mixed.....		.12	.80
Yellow: mixed.....		.12	.80
Yellow: extra large flower.....		.20	1.25
King of the Blues: extra large flower.....		.20	1.50
Queen of the Whites: extra large flower.....		.20	1.25
Splendid Mixture of all colors:.....		.12	.80
	Smaller size.....	.15	1.00
	Large size.....		

CYCLAMEN GIANT FLOWERED

A beautiful pot plant. The blossoms are curiously winged and are borne on graceful stems. Flowering very profusely for a long period.

Plant one bulb in a 5 inch pot so that the top of the bulb is just below the surface, using rich light soil and water sparingly until growth begins.

(December delivery, postpaid)

	Each	Per doz.
Rose: giant flowered.....	\$.20	\$2.00
White: giant flowered.....	.20	2.00
Crimson: giant flowered.....	.20	2.00
Mixed: giant flowered.....	.20	1.75

DIELYTRA OR "BLEEDING HEART"

(For December delivery)

(If by parcel post add postage at zone rates, weight of 1 bulb $\frac{3}{4}$ lbs.; 1 doz. 10 lbs.)

One of the most ornamental of spring-flowering plants, with long, drooping racemes of heart-shaped flowers. If potted in December, left outside till it has formed new roots and then brought in to a gentle heat it may be had in flower in the greenhouse in February and March.

Spectabilis: magnificent racemes of pink flowers. 30c each; \$3.00 per doz.

FREESIAS

(Postpaid)

They flower very early if planted in September and October. The flowers are borne on stems from 9 to 24 inches tall, with 6 to 8 flowers on a stem.

Set the tops of the bulbs 1 inch below the surface and 4 to 6 inches apart.

	Per doz.	Per 100
Refracta Alba: white, very fragrant.....	\$.15	\$1.00
Refracta Alba: extra large bulbs.....	.25	1.50
Purity: finest and purest white variety; large flower and of strong growth; extra size.....	.25	1.75
First size.....	.15	1.00
Leichtlinii: large, fragrant, light yellow.....	.25	1.75
Scarlet: brilliant rosy carmine color, with a dark crimson spot on the three lower petals (December delivery). Postpaid.....	.15	1.00

FRITILLARIA

(If by parcel post add postage at zone rates per doz., postpaid; weight of 100, 4 lbs.)

Meleagris (Snake's Head or Guinea Hen Flower): a dainty variety growing from 10 to 18 inches high, bearing in spring; curious drooping bell-shaped flowers, most of which are very oddly marked, many being checkered and splashed white, purple and maroon. Perfectly hardy and splendid for naturalizing in partial shady places. Mixed colors, 25c per doz.; \$1.50 per 100.

GLADIOLUS (Early Flowering)

This type of Gladiolus blooms in May. The flowers are borne on long slender stems; are greatly used for cut flowers.

	Per doz.	Per 100
The Bride: pure white.....	\$.25	\$1.50
Blushing Bride: ivory white, with crimson blotches on lower petals.....	.25	1.50
Crimson Queen: intense rich crimson, very showy.....	.25	1.50
Peach Blossom: delicate rosy blush, blotched rose and cream.....	.25	1.50
Colvillei: mixed.....	.25	1.50

GLOXINIA

(December delivery) (Postpaid)

Beautiful pot plants for greenhouse culture. The magnificent tube-shaped flowers measure 3 to 4 inches across. They come in several colors and are very prettily spotted and mottled. **Red, Blue and White**, 15c each; \$1.50 per doz.

HYACINTHUS CANDICANS

(If by parcel post add postage at zone rates, weight of 1 bulb 5 oz.; of 1 doz. 3 $\frac{1}{4}$ lbs.)

Free growing, summer-flowering plants with flower stems 2 to 4 feet high, each bearing from 20 to 30 large white bell shaped flowers; splendid for groups. 7c each; 75c per doz.

LILY-OF-THE-VALLEY

(For December and January delivery)

For pot culture or forcing by those who have conservatories these cannot be excelled, producing large fragrant spikes, crowded with bells, and an abundance of dark green foliage.

Finest Selected Pips for forcing, or for planting either in pots or out of doors; the finest selected grade, bundles of 25, 65c; per 100, \$2.50; per 1,000, \$21.00.

(If by parcel post add postage at zone rates, weight of 1 bundle 1 lb.)

Clumps for outdoor planting, 60c each.

(If by parcel post add postage at zone rates, weight 3 lbs. each.)

ISMENE CALATHINA

(Peruvian Daffodil) (January delivery)

(If by parcel post add postage at zone rates, weight of 1 doz. 5 lbs.)

A grand summer flowering bulb, producing with great freedom, large Amaryllis-like, pure white fragrant flowers. Bulbs can be used for a pot plant or for growing outdoors. 15c each; \$1.50 per doz.



Peruvian Daffodil

Miscellaneous Bulbs--Continued



Ixias

IXIAS

(Postpaid)

They are much admired for their brilliant colors and graceful flower stalks, which resemble a miniature gladiolus. They come in several shades and are fine for cutting, lasting for several days in water. The bulbs should be planted 1 inch deep and from 4 to 6 inches apart, and for best effect should be in beds or groups of 25 to 100 or more bulbs.

	Per doz.	Per 100
Crateroides Major: brilliant scarlet, forces well	\$.30	\$2.00
Duchess of Edinburgh: white, striped red....	.35	2.25
King of the Yellows: yellow with dark purple eye.....	.40	2.75
Viridiflora: bright soft green with velvety black center.....	.60	4.25
William the Conqueror: large pure white with purple eye.....	.25	1.50
Wonder (Rosea Plena): deep pink flowers, double and very fragrant.....	.30	2.00
Splendid Mixture containing a great many varieties and colors.....	.15	1.00
Collection of 12 of each of the above named varieties, 72 bulbs for \$1.50.		
Half Collection, 36 bulbs for 85c.		

LEUCOJUM VERNUM SPRING SNOWFLAKE

(Postpaid)

These are similar to snowdrops but of stronger growth. The flowers are white tipped with green and are borne on stems 1 to 2 feet tall. Thrive equally as well in sun or partial shade. 25c per doz.; \$1.50 per 100.

MONTBRETIA

(Postpaid)

A summer flowering bulb, somewhat resembling a gladiolus. The flowers come in shades of orange and yellow and are borne on long graceful spikes, and bloom from July to September. Plant several bulbs in a clump about 2 inches deep.

	Per doz.	Per 100
Crocasmiaeflora: scarlet and yellow.....	\$.20	\$1.00
Etoile de Feu (Star of Fire): bright vermillion center yellow, outside blood red.....	.30	2.25

MONTBRETIA—Continued

Giant Flowering Sorts

	Per doz.	Per 100
California: beautiful deep golden yellow, free flowering, extra fine.....	\$.30	\$2.25
Fire King: splendid large flowers of a glowing scarlet red.....	.30	2.25
Spectosa: dull orange with a yellow disc in the center, very distinct.....	.30	2.25

MUSCARI PLUMOSUS

(If by parcel post add postage at zone rates, weight per doz., 5 oz.; per 100, 3 lbs.)

Feathered Hyacinths: bears plume-like graceful spikes, 9 to 12 inches high, purple in color. 20c per doz.; \$1.25 per 100. For Muscari or Grape Hyacinths, see page 12.

RANUNCULUS

(Postpaid)

These spring flowering bulbs are unrivaled for lovely form and bright colors. The double flowers are borne on stems about 9 inches high. The bulbs have curious finger like projections which should be planted pointing down. Plant 1 inch deep and 6 inches apart, in a partly shaded location. Soak the bulbs in water for one or two hours before planting.

	Per doz.	Per 100
Grandiflora: crimson.....	\$.25	\$1.50
Hercules: large white.....	.30	1.75
Jaune Supreme: yellow.....	.35	2.25
Orange Brilliant: yellow shaded orange, black center.....	.30	1.75
Queen of the Netherlands: maroon black...	.30	1.75
Romano: scarlet.....	.30	1.75
Souci Dore: brownish orange.....	.30	1.75
French Mixed: fine large, double flowers, vigorous grower. Most popular variety. \$7.00 per 1000.....	.20	1.00
Persian Mixed: very double rose-shaped flowers.....	.20	1.00
Turban Mixed: double peony-shaped flowers..	.20	1.00
Viridiflora: green and orange.....	.30	1.75
Collection of 12 of each of the above named varieties, 96 bulbs, \$2.00.		
Half Collection, 48 bulbs, \$1.15.		



Ranunculus

Miscellaneous Bulbs--Continued

MUSCARI OR GRAPE HYACINTH

These are dainty little flower spikes bearing curious ball-shaped bells in white and blue. Thriving either in partially shaded or sunny locations.

Also adapted for growing in pots.

Plant six bulbs in a 5 inch pot and treat same as Hyacinths.

	(Postpaid)	Per doz.	Per 100
Blue		\$.15	\$.75
White (Pearls of Spain)		.20	1.00
Heavenly Blue: flowers light-blue; very strong grower, producing much larger spikes than the above sorts.		.25	1.75

ORNITHOGALUM

(If by parcel post add postage at zone rates, weight of 1 doz., 1¾ lbs.; of 100, 12 lbs.)

Arabicum: a beautiful variety, throwing up a tall spike bearing numerous large, milk-white, star-shaped flowers, with a black center, and having a distinct aromatic perfume. They are of the easiest culture. 35c per doz.; \$2.50 per 100.

OXALIS

Pretty little half trailing or bushy plants. Adapted for borders and hanging baskets. (Postpaid)

	(Postpaid)	Per doz.	Per 100
Grand Duchess: white		\$.25	\$1.50
Grand Duchess: pink		.25	1.50
Grand Duchess: lavender		.25	1.50
Grand Duchess: mixed		.20	1.25
Bermuda Buttercup: yellow		.25	1.50

SCILLA OR WOOD HYACINTH

(If by parcel post add zone rates, weight of 1 doz. postpaid; of 100, 3 lbs.)

Charming little bell-shaped flowers that do well under trees or in other shady situations; blossoms very early.

Siberica: exquisite blue, adapted for edging and for growing in clumps. 20c per doz.; \$1.25 per 100.

(If by parcel post add zone rates, weight of 100 is 2 lbs.)

Campanulata Alba Maxima, spikes of very fine large pure white bells. 20c per doz.; \$1.25 per 100.

Campanulata Blue Queen, large porcelain blue bells, tall growing and very free blooming sort. 20c per doz.; \$1.25 per 100.

SNOWDROPS

(Postpaid)

California Giants: the finest variety, being three times the size of the common variety. The flowers are pure white, tipped green. 20c per doz.; \$1.00 per 100.

Single Flowering .15 } \$.90
Double Flowering .25 } 1.75

SPARAXIS

(Price is postpaid)

Beautiful flowers borne on long, graceful spikes; the colors are of the most telling combinations and of the brightest shades. They are tigered, blotched, spotted, streaked and flushed in the most diverse and pleasing manner.

Mixed colors: 15c per doz.; 85c per 100.

SPIREA

(If by parcel post add postage at zone rates, weight of one 2¼ lbs.; of 1 doz., 27 lbs.)

(For December delivery)

While these can be used for outdoor planting where they will bloom during the summer, their great value lies in their ease of culture as a house plant.

Japonica: produces beautiful sprays of silvery white plumes, 20c each; \$2.00 per doz.

Japonica Compacta Multiflora: dwarf, and a dense flowerer; 25c each; \$2.50 per doz.

Gladstone (Hybrid Astilboides): the best of all the Spireas, bearing snow-white plumes in great profusion. 35c each; \$3.50 per doz.

Queen Alexandra: a splendid new Spirea of a beautiful pink color; a strong grower and free flowerer. When grown indoors it should be kept cool when flowers are developing, this is necessary to bring out the delicate coloring. 50c each; \$4.50 per doz.

WATSONIA

(If by parcel post add postage at zone rates, weight of 1 doz. is 1 lb.)

Watsonias are similar to the gladioli and bloom from June until September. The spikes grow 3 to 4 feet tall and bear about 1 dozen flowers which are 2½ to 3 inches long and about 2 inches across. They bloom freely and thrive best in a sunny situation. Set the bulbs 3 inches deep and 8 inches apart.

Andernei: large spikes of pure white flowers. 50c per doz.; \$3.50 per 100.

Pink and White Shades Mixed. 50c per doz.; \$3.50 per 100.



Watsonia

TIGRIDIAS (Tiger or Shell Flower)

(January delivery, postpaid)

These beautiful summer flowering bulbs grow about 1½ feet high and flower very freely throughout the summer. The flowers are composed of three petals in various brilliant colors which are prettily spotted at the base.

Mixed colors: 35c per doz.; \$2.50 per 100.

TRITONIA CROCATA

(Postpaid)

Hardy summer flowering bulbs growing from 9 to 12 inches high. The flowers, which are about 2 inches across, come in shades of tawny yellow and bright orange red.

Mixed colors: 25c per doz.; \$1.50 per 100.

TUBEROSES

(January delivery)

(If by parcel post add postage at zone rates, weight of 1 doz., 1½ lbs.)

The flowers grow on stems 18 inches high, each stem bearing about a dozen flowers. They are pure white, wax like and very fragrant.

Double Dwarf Pearl: 40c per doz.; \$3.00 per 100.

VALLOTA PURPUREA

(Scarborough Lily)

(If by parcel post add postage at zone rates, weight of 1 doz., 2 lbs.)

A free flowering variety of Amaryllis blooming in summer, rich red color. Adapted for planting outdoor or for growing in pots. 25c each; \$2.50 per doz.

Spencer or Orchid Flowered Sweet Peas

The finest type of Sweet Pea. The blossoms are large and very wavy with long stems, generally having four blossoms to the stem.

RECENT INTRODUCTIONS

- King White:** the finest white sweet pea. The large flowers are borne almost invariably in fours on stout stems. The blossoms are finely frilled and are of great substance. Pkt. of 25 seeds, **25c.**
- Illuminator:** a grand orange salmon variety of large size and great substance, well waved. Should be grown in partial shade. Pkt. **15c.**
- Orchid:** flowers are extra large and are borne on long stiff stems. The color is a rich deep lavender throughout, slightly suffused pink. Pkt. **15c.**
- Dobbie Cream:** the finest primrose variety, the flowers are large and well waved, generally in fours on long stems. Pkt. **15c.**
- Margaret Madison:** clear azure blue. Pkt. of 20 seeds, **15c;** pkt. of 40 seeds, **25c.**

SPENCER OR ORCHID FLOWERED SWEET PEAS

	Pkt.	½-oz.	1-oz.
Afterglow: violet, blue and rosy mauve.	\$.15	\$.30	\$.60
America Spencer: bright red striped and flaked on white ground, very large.	.10	.20	.35
Apple Blossom Spencer: rose and blush-pink.	.10	.20	.35
Aurora Spencer: striped and flaked salmon-rose on a white ground.	.10	.20	.35
Asta Ohn: lavender suffused with mauve	.10	.20	.35
Bertha Massey: a delicate shade of lavender; flowers are large and wavy.	.10	.20	.35
Countess Spencer: a lovely clear pink, shading deeper at the edges.	.10	.20	.35
Florence Morse Spencer: delicate blush with pink margin.	.10	.20	.35
Florence Nightingale: a beautiful clear lavender. Very large flower.	.10	.20	.35
George Herbert: bright rose-carmine; very showy.	.10	.20	.35
Helen Lewis (Orange Countess): brilliant crimson-orange, wings orange-rose yellow.	.10	.20	.35
King Edward Spencer: bright crimson-scarlet; magnificent in size and color.	.10	.20	.35
Loyalty Spencer: bright violet, flaked on white ground.	.15	.30	.60
Maud Holmes: large wavy brilliant red, sunproof of great substance.	.10	.25	.50
Mrs. Hugh Dickson: a beautiful blending of apricot pink and buff, large and wavy.	.10	.20	.35
Mrs. Routzahn: buff suffused with pink, deepening at the edges.	.10	.20	.35
Othello Spencer: very dark maroon.	.10	.20	.35
Primrose Spencer: fine large primrose-yellow.	.10	.20	.35
Prince of Wales Spencer (Marie Corelli): a brilliant rosy-red of exceptional large size.	.10	.20	.35
Queen Alexandra Spencer: magnificent in every way and one of the finest yet introduced. In color a rich bright scarlet.	.10	.20	.35
Senator Spencer: chocolate, striped and mottled on ivory white.	.10	.20	.35
Stirling Stent: deep salmon, suffused orange. Should be grown in partial shade.	15	.30	.60



Aurora Spencer

	Pkt.	½-oz.	1-oz.
Thomas Stevenson: a very brilliant orange scarlet. The flowers are large and well waved. Should be grown in partial shade as the flowers are liable to burn if grown in the hot sun.	\$.15	\$.30	\$.60
Vermilion Brilliant: fine brilliant scarlet, very large and wavy.	.15	.30	.60
White Spencer: a pure wavy white of enormous size.	.10	.25	.50
Superb collection of 15 sorts for \$1.00. (For varieties see back cover of catalogue).			
Hallawell's Spencer Mixture: a very fine assortment of large orchid flowering sweet peas. 10c pkt.; 30c an oz.; ¼-lb., 85c; 1 lb., \$2.50.			

Sweet Peas--Continued
SELECT LIST OF STANDARD SWEET PEAS

	Pkt.	oz.	¼-lb.
Dorothy Eckford: magnificent pure white.....	\$.05	\$.20	\$.50
Flora Norton: bright sky-blue.....	.05	.20	.50
Helen Pierce: white, veined and mottled bright blue.....	.05	.20	.50
Hon. Mrs. E. Kenyon: the finest prim-rose-yellow.....	.05	.20	.50
King Edward VII: the finest crimson-scarlet.....	.05	.20	.50
Lady Grisel Hamilton: a grand pale lavender.....	.05	.20	.50
Lord Nelson: the richest deep navy-blue.....	.05	.20	.50
Lovely: soft shell-pink; a lovely shade.....	.05	.20	.50
Miss Willmott: brilliant orange-pink; very large.....	.05	.20	.50

	Pkt.	oz.	¼-lb.
Othello: very dark maroon.....	.05	.20	.50
Prima Donna: a magnificent pure pink.....	.05	.20	.50
Prince of Wales: the finest bright rose.....	.05	.20	.50
Queen Alexandra: bright scarlet.....	.05	.20	.50
Shasta: large fluted white.....	.05	.20	.50

Collection of 7 of any of the above varieties for 25c.

Large Flowering Mixed: a very fine assortment of all the best standard varieties. Pkt. 5c; 1-oz. 15c; ¼-lb. 40c; 1-lb. \$1.25.

Cupid Mixed: very dwarf and bushy growing 1 foot high and spreading to about 2 feet in diameter. Very effective when planted in a border. Mixture of all varieties. Pkt. 10c; oz. 35c; ¼-lb. \$1.00.

WINTER FLOWERING SWEET PEAS

Recommended only for very early flowering and for growing under glass. They bloom in about three months from time of sowing.

	Pkt.	1-oz.
Earliest of All or Christmas Pink: pink and white.....	\$.05	\$.20
Mrs. Alex. Wallace: pinkish lavender.....	.05	.20
Mrs. C. H. Totty: lavender.....	.05	.20

	Pkt.	1-oz.
Mrs. F. J. Dolanskey: pure pink.....	\$.05	\$.20
Mont Blanc: pure white.....	.05	.20
Christmas Mixture.....	.05	.15

Flower Seeds for Fall Planting

For cultural directions and descriptions see our general catalogue.



Scabiosa

	Pkt.
Agrostemma Coronaria (Rose of Heaven).....	\$.05
Alyssum: white or yellow.....	.05
Arctotis Grandis (African Lilac Daisy).....	.10
Candytuft: mixed.....	.05

	Pkt.
Carnation: Margaret mixed.....	\$.10
Centaurea: improved Sweet Sultan mixed.....	.10
Columbine: single or double mixed.....	.05
Calendula: Cape Marigold mixed.....	.05
Chrysanthemum: annual single mixed.....	.05
Chrysanthemum: annual double mixed.....	.05
Canterbury Bells: Cup and Saucer mixed.....	.10
Canterbury Bells: single mixed.....	.05
Cineraria: Grandiflora mixed.....	.25
Coreopsis: Grandiflora.....	.10
Delphinium Formosum: perennial dark blue Larkspur.....	.10
Daisy: Snowball, Longfellow or mixed.....	.10
Daisy: Shasta.....	.15
Eschscholtzia Californica.....	.05
Forget-me-not: blue.....	.05
Foxglove: fine mixed.....	.05
Gaillardia: Grandiflora mixed.....	.05
Gilia: mixed.....	.05
Golden Rod.....	.05
Gypsophila Elegans (Baby's Breath).....	.05
Hollyhock: double mixed or separate colors.....	.10
Lychnis Chalcedonica.....	.05
Mignonette: sweet or mixed.....	.05
Pentstemon: fine mixed.....	.10
Poppies: Shirley mixed.....	.10
Poppies: Oriental scarlet or mixed.....	.10
Snapdragon: Giant mixed.....	.10
Sweet William: single or double mixed.....	.05
Scabiosa: Mam. double mixed.....	.05
Stocks: Emperor or Perpetual mixed.....	.15
Stocks: Brompton or Winter mixed.....	.10
Verbenas: Mammoth mixed.....	.10
Viola (Tufted Pansies).....	.10
Wallflower: single mixed.....	.05
Wallflower: double mixed.....	.10

Hallawell's Quality Pansies

Pansies thrive best in a partially shaded location, and in a loose soil, well enriched with decayed manure, which should be well dug into the soil. Sow the seed in the fall for early spring blooming. The seed should be sown in boxes, covering them not more than four times their diameter and firming the soil well above them. Do not allow the seed to dry out. The plants must be transplanted twice in order to get the largest flowers; once from the seed box to a sheltered bed and again to the open ground. For best results you must start a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in price of the various mixtures offered.

GIANT FLOWERED PANSIES

(In separate colors)

- Giant Adonis:** soft lavender blue.
Giant Bridesmaid: rosy white with dark blotch in center.
Giant Crimson King: splendid crimson variety.
Giant Emperor William: ultramarine blue with purple eye.
Giant Eros: purple with yellow border.
Giant Fire King: golden yellow, upper petals crimson.
Giant Golden Queen: pure golden yellow.
Giant Hortensia Red: old rose color.
Giant King of the Blacks: pure black.
Giant Lord Beaconsfield: lavender, heliotrope and purple.
Giant Madame Perret: dark wine and red, beautifully margined with white.
Giant Pretiosa: crimson rose with white margin.
Giant Prince Bismarck: golden bronze.
Giant Rosy Lilac.

Giant Snowflake: pure white.

20c per packet. Collection of 5 of any of the above sorts, 85c.

Collection of one of each of the above 15 sorts, \$2.00.

PANSIES IN MIXTURES

Hallawell's Prize Strain: this is a mixture of all the giant-flowered varieties, all the plain colors, faced sorts, ruffled edged, and rare sorts; also the varieties exquisitely marbled, striped and blotched. Pkt. of 500 seeds, 50c.

Bugnot Mixed: a ruffled and five-petaled type, with soft, blended colors and tints, veined on the margins and with a dark blotch at the base of each petal. Pkt., 25c.

Cassier's Giant Mixed: a splendid mixture of various shades and markings. The blossoms are round and are blotched at the base of the petals. Pkt., 25c.

Imperial German Strains Mixed: a fine mixture of choice varieties. Pkt., 25c.

Giant Masterpiece: these pansies have a combination of rich velvety colors and attractive ruffled petals. Pkt., 25c.

Giant Trimardeau Mixed: the largest type of pansies; the top petals are larger than the 3 lower ones and are beautifully marked; very sweet scented. Pkt., 15c.

Orchid or Cattleya Mixed: a new mixture in light shades of flesh, orange, rose and lilac, the fluted petals are marked with brown or golden yellow blotches. Pkt., 25c.

Large Flowering Mixed: a mixture of various colors. Pkt., 10c. oz., \$1.50.

Striped and Mottled Mixed. Pkt., 10c.



Pansy, Prize Strain

BEDDING PANSIES IN SEPARATE COLORS

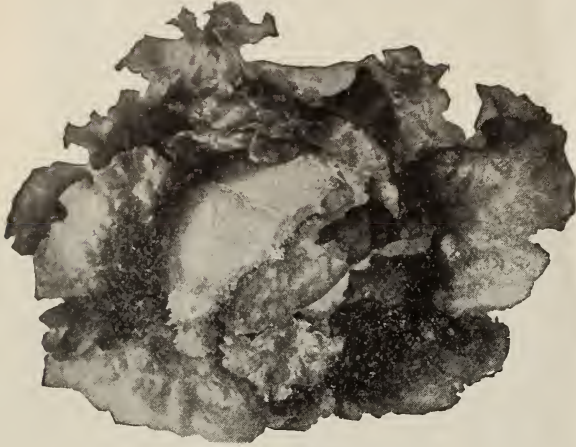
	Pkt.	Oz.
Atropurpurea: dark blue.....	\$.10	\$1.75
Bronze.....	.10	2.25
Cardinal: scarlet.....	.10	2.25
Emperor William: ultramarine blue.....	.10	2.25
Fire King: golden yellow, upper petals crimson.....	.10	2.00
Golden Gem: pure yellow.....	.10	2.00
Golden Yellow: yellow dark eye.....	.10	2.00
King of the Blacks: velvety black.....	.10	2.25
Light Blue.....	.10	2.00
Lord Beaconsfield: lavender, heliotrope and purple.....	.10	2.00
Snow Queen: pure white.....	.10	2.00
Silver Edged: fine.....	.10	2.25

Collection of the above 12 varieties, \$1.00; or 6 varieties, 50c.

Select List of Vegetable Seeds

FOR FALL AND WINTER PLANTING

Price per packet 5c except noted otherwise. Prices are postpaid except on peas and onion sets for which extra postage should be allowed (according to the zone) to cover cost of mailing.



Los Angeles Lettuce

BEETS—Table Sorts	Oz.	¼-lb.	Lb.
Improved Blood Turnip.....	\$.15	\$.45	\$1.50
Early Eclipse.....	.10	.30	1.00
Crosby's Egyptian.....	.15	.40	1.00
Long Blood Red.....	.10	.30	.90
Detroit Dark Red.....	.15	.40	1.25
Broccoli: large, white.....	.40	1.25	4.00
BROCCOLI: large, white			
Dwarf Perfection.....	.20	.45	1.50
CABBAGE			
Early Jersey Wakefield.....	.30	.90	3.00
Early Winnigstadt.....	.30	.90	3.00
Early Flat Dutch.....	.25	.75	2.50
Hollander or Danish Ballhead.....	.40	1.20	4.00
Premium Flat Dutch.....	.30	.90	3.00
CARROT			
Improved Long Orange.....	.10	.30	1.00
Danver's Half Long.....	.10	.30	1.00
Oxheart or Guerande.....	.10	.30	1.00
Early Scarlet Horn.....	.15	.40	1.25
Earliest French Forcing.....	.20	.60	1.75
CAULIFLOWER	Pkt.	Oz.	
California Wonder.....	\$.10	\$.75	
Extra Early Snowball.....	.25	2.25	
Early Paris.....	.10	.75	
COLLARDS	Oz.	¼-lb.	Lb.
True Georgia.....	\$.10	\$.30	\$1.00
LEEK			
American Flag.....	.15	.45	1.25
LETTUCE			
Hanson.....	.15	.45	1.50
Passion.....	.15	.45	1.50
Early Curled Simpson.....	.15	.40	1.25
Big Boston.....	.20	.55	1.75
May King.....	.15	.40	1.25
Iceberg.....	.15	.40	1.25
Los Angeles.....	.35	1.00	3.50
ONION			
Extra Early Red Flat.....	.20	.60	2.00
Yellow Flat Danvers.....	.15	.45	1.25
Prizetaker.....	.15	.45	1.50

ONION	Oz.	¼-lb.	Lb.
Australian Brown.....	\$.15	\$.40	\$1.00
Red Wethersfield.....	.20	.45	1.25
White Portugal.....	.20	.60	2.00
Yellow Globe Danvers.....	.20	.60	1.75
ONION SETS			Lb.
Yellow.....			\$.20
White.....			.20
PARSLEY	Oz.	¼-lb.	Lb.
Extra Triple or Moss Curled.....	\$.10	\$.30	\$.90
PARSNIP			
Hollow Crown.....	.10	.30	.75
PEAS		Pkt.	Lb.
American Wonder.....	\$.10	\$.20	
Gradus or Prosperity.....	.10	.25	
Little Gem.....	.10	.20	
Stratagem.....	.10	.20	
Yorkshire Hero.....	.10	.20	
Champion of England.....	.10	.20	
Telephone.....	.10	.25	
RADISH	Oz.	¼-lb.	Lb.
Scarlet Turnip white tipped.....	\$.10	\$.30	\$.80
Early Scarlet Globe.....	.10	.30	.80
French Breakfast.....	.10	.25	.75
Improved Chartier.....	.10	.25	.75
Long Scarlet.....	.10	.25	.75
Long White Vienna.....	.10	.30	.80
Chinese White Winter.....	.15	.40	1.25
SALSIFY			
Mammoth Sandwich Island.....	.15	.45	1.50
SPINACH			
Long Standing.....	.10	.20	.40
Savoy Leaved.....	.10	.15	.35
Prickly.....	.10	.15	.30
TURNIP			
Early Snowball.....	.10	.25	.80
Golden Ball.....	.10	.20	.65
Purple Top Strap Leaf.....	.10	.20	.60
White Flat Dutch.....	.10	.20	.60
Purple Top White Globe.....	.10	.20	.60
Rutabaga or Swedes, American Purple			
Top.....	.10	.20	.60



Early Scarlet Turnip Radish

Lawn Grasses

All our lawn grass seeds are recleaned and of the very best grade. They can be sown in California any time of the year providing there is plenty of water available. Prepare the ground by digging and fertilizing thoroughly with well-decayed manure and then rake the surface smoothly. Scatter the seed evenly and rake it in so that it will be covered lightly. After sowing, the ground should be rolled in order to press the seed firmly into the soil. Water daily until well started. One pound of seed is required for 250 square feet of lawn. If wanted by mail add sufficient postage to cover cost of same.

Kentucky Blue Grass: Fancy. Extra clean. The most popular grass for lawns. It is dark green and of dense growing habit, making a beautiful turf in a heavy or black soil. Per lb., 25c; per 100 lbs., \$20.00.

Shady Nook Mixture: This Mixture contains grasses for making good lawns in shady places and under trees. Per lb., 50c.

Hallawell's Evergreen Lawn Mixture: A mixture of several deep green grasses which makes a thick sturdy lawn, remaining green both summer and winter. It is especially adapted for heavy or black soils. Per lb., 35c.

Pacific Rye Grass: This grass is similar to the Australian Rye Grass, but has a finer leaf and is longer lived. Per lb., 25c; per 100 lbs., \$20.00.

White Clover: Of dwarf habit with creeping stems, rooting at the joints, on which account it makes an excellent turf that stands constant tramping. Planted for a lawn either alone or in mixture with grass seed. Price per lb., 50c.

Australian Rye Grass: A very vigorous, quick-growing lawn grass, but a little coarse. Very satisfactory for lawns in San Francisco. Per lb., 15c; 100 lbs., \$10.00.

High Grade Fertilizers

The Pacific Guano & Fertilizer Co.'s Lawn Dressing: For lawns use 2 to 3 pounds to 100 square feet. Sprinkle the lawn lightly after applying fertilizer. Potted plants should be given not more than one to three teaspoonfuls per cubic foot of soil; shrubs from ½ to 1 lb., according to size of shrub. 10 lb. bag, 60c; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.50.

Bone Meal: 5 lbs., 25c; 50 lbs., \$1.50; 100 lbs., \$2.50.

Pure Ground Blood and Bone Meal: Finely pulverized; excellent for rose-culture. It decomposes very rapidly, and is more quickly effective than the coarser grades. It is excellent for mixing with the soil for potting. 5 lbs., 25c; 50 lbs., \$1.75; 100 lbs., \$3.00.

Wizard Fertilizer: For lawns use 1½ lbs. to 100 square feet. For potted plants use a teaspoonful to every 2 qts. of soil. 2 lb. cartons, 25c; 25 lb. bags for \$1.50.

HALLAWELL'S ANNUAL CATALOGUE FOR 1915

Our catalogue of Roses, Dahlias, Gladioli, Fruit Trees, Flower and Vegetable Seeds, etc., will be ready for distribution some time in December. We are glad to send it to you gratis.

✂ In case we have not your name on our mailing list we would be pleased to receive it.

Collection of Spencer Sweet Peas

Asta Ohn—Lavender suffused with mauve.

Apple Blossom Spencer—Crimson with white wings tinted pink.

Aurora Spencer—Striped and flaked salmon-rose on white ground.

Countess Spencer—Clear pink shading deeper at the edges.

Florence Morse Spencer—White and blush pink with deeper pink margin.

Florence Nightingale — Beautiful clear lavender.

George Herbert—Bright rose carmine.

Helen Lewis—Brilliant crimson orange.

King Edward Spencer—Bright crimson scarlet.

Mrs. Hugh Dickson—Apricot pink and buff.

Othello Spencer—Dark maroon.

Primrose Spencer—Pale yellow.

Prince of Wales Spencer—Brilliant rosy red.

Queen Alexandra Spencer—Rich bright scarlet.

White Spencer—Pure white.

One packet of each of the above 15 varieties for \$1.00
or 7 packets of any of the above varieties for 50c.



Hallawell's Prize Strain Pansies

Packet of 500 seeds for 50 cents.



Collection of 7 Sweet Peas for 25c

Dorothy Eckford
White

Othello
Maroon

Countess Spencer
Bright Pink

King Edward VII
(Red)

Hon. Mrs. Kenyon
Primrose

Miss Willmott
Orange Pink

Lady Grisel Hamilton
Lavender